BOGDANOV, B. (Leningrad)

High-frequency currents came to the forge shop. Izobr.i rats. no. 10:20-21 0'60. (MIRA 13:10)
(Leningrad--Forge shops) (Induction heating)

KRETIC, Miroslav, doc. d-r; BOGDANOV, Branislav, d-r

Pathological and clinical contribution to mesenterial cysts. Med.arh., Sarajevo 14 no.3:31-36 My-Je '60.

1. Hirurska klinika Medicinskog fakulteta u Sarajevu (Sef: prof. d-r Blagoje Kovacevic)
(MESENTERY dis)
(CYSTS)

KRETIC, M.; BOGDANOV, B.; RIMSKI, B.

A case of Cysticercus cellulose in the central nervous system. Med. arh. 15 no.4:1-9 Jl-Ag '61.

1. Hirurska klinika Med. fakulteta u Sarajevu (v. d. sefa: Prof. Feodor Lukac) Institut za patolosku anatomiju (v.d. sefa: Doc. dr A.Nikulin).

(CYSTICERCOSIS case reports) (BRAIN dis)

BOGDANOV, B., inzh.

Water and long-term plan. Nauka i tekh mladezh 15 no.7/8:4-5 Jl-Ag '63.

1. Pulnomoshtnik na TsK na BKP i Ministerskiia suvet po khidromeliorativnogo stroitelstvo.

BOGDANOV, B.

We don't need to borrow enthusiasm. Kryl. rod. 15 no.2:10 F '64. (MIRA 18:7)

1. Nachal'nik Daugavpilsskogo samodeyatel'nogo aviatsionno-sportivnogo kluba.

BOGDANOV, Bogdan, insh.

Growth of irrigated areas, and problems of their introduction.
Khidrotekh i melio 7 no.10:291-293 '62.

BOGDANOV, Bogdan, inzh.

New advance in the irrgiation development. Tekh dele 503 3 14D '63.

BOGDANOV, Bogdan, inzh.

Road wide open to new initiatives in irrigation. Khidrotekh i melior 8 no. 10: 290-291 '63.

BOGDANOV, B. F.

Cand Tech Sci - (diss) "Static endurance of D16T, B95AT, and 30 ХГСА alloys under the joint action of loads of various frequencies." /Moscow/, Office of Scientific Information, 1961. 10 pp; (State Committee of the Council of Ministers USSR for Aviation Techniques, Central Aero-Hydrodynamics Inst imeni Prof N. Ye. Zhukovskiy); number of copies not given; price not given; (KL, 7-61 sup, 232)

STARODUBTSEVA, L.N., kand. med. nauk; BOGDANOV, B.G., aspirant (Rostov-na-Donu)

Multiple complications in gastric ulcer. Klin. med. 41 no.7: 124-127 Jl '63 (MIRA 16:12)

1. Iz kliniki fakul'tetskoy khirurgii (zav. - prof. B.Z. Gutnikov) Rostovskogo-na-Donu gosudarstvennogo meditsinskogo instituta.

KOZLOV, L.M.; BURMISTROV, V.I.; KHANNANOVA, M.N.; ABRAMOVICH, L.K.; SHARNINA, A.P.; BOGDANOV, B.L.

Nitroalkyd resins. Report No.6: Condensation polymerization of nitrodiols and nitrotriols with oxalic, malonic, and succinic acids. Trudy KKHTI no.30:161-169 '62. (MIRA 16:10)

KOCHERGIN, S.M.; BARABANOV, V.P.; BOGDANOV, B.L.

Study of electrolytic transport in solutions of a copolymer of methacrylic acid by the radioactive tracer method. Trudy KKHTI no.30:277-281 '62. (MIRA 16:10)

BOGDANOV, B.L.

Conditions of cooling and the structural characteristics of castings with internal cavities. Lit. proizv. no.8:18-20 Ag '63. (MIRA 16:10)

MIKHAYLOV, A.M.; BOGDANOV, B.L.; MEL'NIKOV, N.A.

Thermal conditions in the casting of a D-100 diesel engine crankshaft. Izv. vys. ucheb. zav.; chern. met. 5 no.3:159-168 '62. (MIRA 15:5)

1. Moskovskiy institut stali.

(Iron founding)

KOSTYLEV, P.P., gornyy inzh.; BOGDANOV, B.M.

Dust control in underground boring operations at the Noril'sk Combine. Gor. zhur. no.12:52-54 D '60. (MIRA 13:12)

1. Noril'skiy gorno-metallurgicheskiy kombinat.
(Noril'sk--Mining engineering) (Mine dusts)

BOGDANOV, B., inzhener-korablestroitel'.

Standardization of ships used in inland navigation. Rech.transp. 14 no.4:18-20 Ap '56. (MLRA 9:8)
(Inland navigation) (Ships--Standards)

BOGDANOV, B.

BOGDANOV, B., gazorezchik

Factory "coin box." Sov. profsoiuzy 6 no.1:17 Ja '58.
(MIRA 11:1)
(Shipbuilding)

BOGDANOV, B.

A restless character. Mashinostroitel' no.6:36-37 Je '60. (MIRA 13:8)
(Machine-shop practice)

BOGDANOV, B., inzh.

Structural pecularities of the lead-zinc ~~of~~ deposits of Shadiitsa, in the Southeastern Rhodope Mountains. Godishnik Min geol inst 7 no.1:333-351 '60/'61.

BOGDANOV, B., konstruktor

New navigating bridge design. Rech. transp. 20 no.12:25-26 D '61. (MIRA 14:12)

(Naval architecture)

BOGDANOV, B., inzh.

Fifty years of navigation on the Lake Khubsugul. Rech. transp. 22 no.10:55 O '63. (MIR 16:12)

BOGDANOV, B., konstruktor; VAGANOV, G., kand. tekhn. nauk; RYZHOV, L., kand. tekhn. nauk

The semi-integrated barge train "Pervyi" with a 7500-ton carrying capacity. Rech. transp. 23 no.1:20-22 Ja '64. (MIRA 18:11)

BOGDANOV, B. N.

TIMCHENKO, A.I., inzhener; ORLYANKIN, N.M., laureat Stalinskoy premii; BOGDANOV, B.N., nauchnyy redaktor.

[Brick walls with facing panels hung over an intervening air space] Kirpichnye steny s plitami na otnose. Moskva, Gos.izd-vo lit-ry po stroitel'stvu i arkhitekture, 1953. 33 p. (MLRA 7:3)
(Walls)

NAZAROV, D.P.; BATULIN, G.S.; BOGDANOV, B.N., inzhener, nauchnyy redaktor; UDOD, V.Ya., redaktor; TOKER, A.M., tekhnicheskiy redaktor

[S.F.Zhabin's method of covering stairsteps with mosaic slabs] Oblitsovka stupenei mozaichnymi plitami po metodu S.F.Zhabina. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1954. 18 p. (MLRA 7:10)

(Stair building) (Mosaics)

BOGDANOV B. N.

KUZNETSOV, G.F.; KHLUSOV, I.Ye., kand.tekhn.nauk; SHOLOKHOV, V.G., inzh.. Prinimali uchastiye: AKBULATOV, Sh.F., kand.tekhn.nauk; KRICHEVSKAYA, Ye.I., kand.tekhn.nauk; DOROKHOV, A.N., inzh.; NIKIFOROV, I.A., kand.tekhn.nauk; BOGDANOV, B.N., inzh.; AVRUTIN, Yu.Ye., inzh.; VISHNEVSKIY, N.D., inzh.; ARIYEVICH, E.M., kand.tekhn.nauk; LEVITAN, Ye.P., inzh.; TUPOLEV, M.S., prof., doktor arkhitektury. TEMKIN, L.Ye., inzh., red.; KHAVIN, B.N., red.izd-va; BOROVNEV, N.K., tekhn.red.

[Temporary instruction (SN 51-59) for planning and constructing combined roofs of residential and public buildings] Vremennye ukazaniia po proektirovaniiu i ustroistvu sovmeshchennykh krysh (pokrytii) zhilykh i obshchestvennykh zdanii (SN 51-59). Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1959. 34 p. (MIRA 13:1)

(Continued on next card)

KUZNETSOV, G.F.---(continued) Card 2.

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva. 2. Nauchno-issledovatel'skiy institut stroitel'noy fiziki i ograzhdayushchikh konstruktsiy Akademii stroitel'stva i arkhitektury SSSR (for Kuznetsov, Khlusov, Sholokhov). 3. Direktor Nauchno-issledovatel'skogo instituta stroitel'noy fiziki i ograzhdayushchikh konstruktsiy Akademii stroitel'stva i arkhitektury SSSR; deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Kuznetsov). 4. Nauchno-issledov.institut zhilishcha (for Akbulatov, Krichevskaya). 5. Nauchno-issledov.institut proyektirovaniya Akademii stroitel'stva i arkhitektury SSSR (for Dorokhov). 6. Nauchno-issledov.institut po stroitel'stvu Minstroya RSFSR (for Nikiforov). 7. Gorstroyproyekt (for Bogdanov). 8. Mosproyekt (for Avrutin, Vishnevskiy). 9. Akademiya kommunal'nogo khozyaystva im. K.D. Pamfilova (for Ariyevich, Levitan). 10. Moskovskiy arkhitekturnyy institut (for Tupolev).

(Roofs, Concrete)

BOGDANOV, Boris Nikolayevich, inzh.; KHLUSOV, I.Ye., kand.tekhn.nauk, nauchnyy red.; GORYACHEVA, T.V., red.izd-va; TEMKINA, Ye.L., tekhn.red.

[Using flat roof in residential and public-building construction in foreign countries] Ploskie kryshi v grazhdanskom stroitel'stve za rubezhom. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1960. 60 p. (MIRA 13:7)
(Europe, Western--Roofs)

BOGDANOV, Boris Nikolayevich; STAROVOYTOV, I.F., red.izd-va; PUL'KINA, Ye.A., tekhn. red.

[Built-up reinforced-concrete roofing for apartment houses] Sovmeshchennye zhelezobetonnye pokrytiia zhilykh zdanii. Leningrad, Gosstroiizdat, 1963. 143 p. (MIRA 16:8)
(Roofing, Concrete)

BOGDANOV, P.

Powerful means of disseminating advanced practices. Nauka i pered. op. v sel'khoz. 8 no.5:2-5 My '58. (MIRA 11:5)

1. Direktor Vsesoyuznoy sel'skokhozyaystvennoy vystavki.
(Moscow--Agricultural exhibitions)

BOGDANOV, B., zootekhnik

Twenty-seven pigs in a litter. Nauka i pered.op. v sel'khoz. 8 no.11:36-37 N '58. (MIRA 11:12)
(Swine breeding)

BOGDANOV, B.

Get agricultural specialists interested in scientific problems. Nauka i pered. op. v sel'khoz 8 no.12:58 D '58. (MIRA 12:1)

1.Glavnyy zootekhnik inspektsii po sel'skomy khozyaystvu Bokhanskogo rayona Irkutskoy oblasti.
(Agricultural research)

BOGDANOV, B.

"The role of the All-Union Agricultural Exhibition for broadening international cooperation.

p. 130 (Mezhduna Rodnyi Selskokohoziaistvennyi Zhurnal, Vol. 2, No. 2, 1958, Sofia, Bulgaria).

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 12, Ded. 58.

BOGDANOV B. N.
Boris Nikolayevich

AUTHOR: Broder, K. SOV-25-58-10-18/46

TITLE: Speeches Made by Participants of the VSKhV (Slovo - uchastnikam VSKhV)

PERIODICAL: Nauka i zhizn', 1958, Nr 10, pp 33-41 (USSR)

ABSTRACT: The editorial staff of this journal organized a meeting of scientists and practical workers of the agricultural field, directors of the VSKhV and representatives of the press. The meeting heard the following reports: Boris Nikolayevich Bogdanov, Director of the VSKhV, on the great importance of the All-Union agricultural exhibition; S.G. Skobkin, Chief Methodologist of the VSKhV, on the achievements of Soviet agricultural sciences as represented by the exhibition; S.G. Kolesnev, Academician of VASKhNIL, on problems of economy in the agricultural field; S.I. Zlobin, representative of the kolkhoz imeni Stalin, Irbeyskiy rayon, Krasnoyarsk kray, on the importance of the efficiency of labor for Siberia; F.N. Naumov, Head of the Krasnoshchekovskiy Rayon Executive Committee, on the complete utilization of Altay soil; M.I. Pulyayev, Director of the Sovkhoz "Rogachik", on the rapid development in cattle raising and the increase of agricultural produce; N.A. Chabanova, of the kolkhoz "Luch",

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Moscow Oblast , on her work and training in the kolkhoz; I.G. Sharabrin, Professor of the Moskovskaya veterinarnaya akademiya (Moscow Veterinary Academy), on the research work exhibited by scientists for an increase in agricultural productivity; V.A. Shirshov, Candidate of Agricultural Sciences, Head of the radiobiologicheskaya laboratoriya Vsesoyuznogo nauchno-issledovatel'skogo instituta kormov imeni V.R. Vil'yams (Radiobiological Laboratory of the All-Union Scientific Research Institute of Fodder imeni V.R. Vil'yams), on isotopes in agriculture; Ural Sattorov, Head of the kolkhoz "Pobeda" Uzbek SSR, on the rapid development of cotton growing and cattle raising; F.Ye. Grushin, Director of the RTS pavilion, on the mechanization of agriculture; N.G. Chernenko, Head of the Moscow kolkhoz imeni Makarov on the importance of mechanization in agriculture. There are 13 photographs and 7 sketches.

1. Agriculture--USSR

BOGDANOV, B.

Exhibition of achievements of the Soviet National Economy. Nauka i pered. op v sel'khoz. 9 no.6:1-3 Je '59. (MIRA 12:9)

1.Direktor Vystavki dostizheniy narodnogo khozyaystva SSSR.
(Moscow--Exhibitions) (Agricultural exhibitions)

BOGDANOV, B.N., red.; SHASTOV, A.I., red.; NESHTO, A.V., red.; OKOLOVICH, Ye.I., red.; ZHDANOV, P.P., red.; UVAROVA, A.F., tekhn. red.

[Guide to the Exhibition of the Achievements of the National Economy of the U.S.S.R.] Putevoditel. Moskva, Mashgiz, 1960. 474 p. (MIRA 15:7)

1. Moscow. Vystavka dostizheniy narodnogo khozyaystva SSSR. (Moscow--Exhibitions)

BOGDANOV, B.

Take active part in the Exhibition of Achievements of the National Economy of the U.S.S.R. NTO 2 no.2:19-20 F '60.
(MIRA 13:5)

1. Direktor Vystavki dostizheniy narodnogo khozyaystva SSSR.
(Moscow--Exhibitions)

BOGDANOV, B.

The Exhibition of the Achievements of the National Economy of the U.S.S.R. as a school of technological progress. Przegl techn no.44:3,5 2 N '60.

1. Dyrektor Wystawy Osiagniec Gospodarki Narodowej ZSRR, Moskwa.

BOGDANOV, B.N.

Exhibition of Achievements of the National Economy of the U.S.S.R., an opportunity to celebrate national experience. Przegl techn 84 no.3:5 20 Ja '63.

1. Dyrektor Wystawy Osiagniec Gospodarki Narodowej w Moskwie, Moskwa.

Medical Training

YUGOSLAVIA

BOGDANOV, Dr. Branislav [Affiliation not shown]

"Education of the Scientific and Technical Personnel of All Branches in the Care of Mass Burn Casualties"

Beograd, Meditsinski Glasnik, Vol 20, No. 3-4, Mar-Apr 66; pp 115-119

Abstract: To take care of 100 burned patients, 13 teams are necessary working in one eight-hour shift, each team consisting of 2 nurses, 1 technician and 1 porter, while 1 physician can supervise several teams at the same time. A suggested project of a crash campaign is described to update the sadly lacking education of medical and auxiliary personnel in Yugoslavia in field of the care of the burned patient. 6 Yugoslav, 9 Western references. Manuscript received 14 Feb 66.

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BOGDANOV, B.P.

Influence of the size of acorns on the growth of young oaks. Bot. zhur. 39 no.4:584-588 Jl-Ag '54. (MLRA 7:10)

1. Lesotekhnicheskaya akademiya im. S.M.Kirova (LTA), Leningrad. (Oak)

BOGDANOV, B.P.

Possibilities of vacuum drying of cones and the model description of a vacuum cone dryer. Nauch. trudy LTA no.99: 91-94 '62. (MIRA 17:1)

BOGDANOV, B.V.

Investigation of hearing by speech sounds under normal and pathological conditions. Probl.fiziol.akust. 3:81 '55. (MLRA 9:5)

1. Kafedra bolezney ukha, gorla i nosa 1-go Leningradskogo meditsinskogo instituta imeni I.P.Pavlova i Laboratoriya fiziologii slukhovogo analizatora Fiziologicheskogo instituta imeni I.P. Pavlova AN SSSR, Leningrad.
(HEARING) (SOUND)

BOGDANOV, B. V.

BOGDANOV, B. V.: "Investigation of the hearing of speech sounds under normal and pathological conditions." First Leningrad Medical Inst imeni Academician I. P. Pavlov. Leningrad, 1956. (Dissertation for the Degree of Candidate in Medical Science.)

Knizhnaya letopis', No. 30, 1956. Moscow.

BOGDANOV, B.V.

Basic principles of oral audiometry. Probl.fiziol.akust. 4:169-180 '59. (MIRA 13:5)

1. Laboratoriya fiziologii slukhovogo analizatora Instituta fiziologii imeni I.P. Pavlova AN SSSR i Kafedra bolezney ukha, gorla i nosa 1-go Leningradskogo meditsinskogo instituta imeni I.P. Pavlova, Leningrad.

(AUDIOMETRY)

BOGDANOV, B.V., inzhener-korablestroitel'; RYABCHIKOV, P.A., spetsredaktor; ANAN'IN, V.I., redaktor; STUKERTSKAYA, V.A., tekhnicheskiy redaktor.

[Yawning of sea barges] O ryskливosti morskikh barzh. Moskva, Vodtransizdat, 1953. 57 p. (MLRA 7:8)
(Barges)

BOGDANOV, BORIS V.

BOGDANOV, Boris Vladimirovich; PETROV, Mikhail Kliment'yevich; NELIDOVA, E.S., redaktor; RYABCHIKOV, P.A.; VOLKOVA, Ye.D., tekhnicheskiy redaktor

[Marine towing] Morskaia buksirovka. Moskva, Izd-vo "Morkoi transport" 1955. 370 p.

(Towing) (MLRA 9:1)

BOGDANOV, B.V.

YEVSTIFEIEV, V.A., inzhener; BOGDANOV, B.V., inzhener

Tanker for sea and river navigation. Rech. transp. 14 no.4: 14-18 Ap '55. (MLRA 8:6)

(Tank vessels)

SOKHANOV, B. V.

"The Fundamentals of Designing the Hull Rudder Complex," Sudostroyeniye, No.10, 1956

BOGDANOV, B.V.

Some problems in the creation of a pusher-tug fleet. Rech. transp. 16 no.4:17-20 Ap '57. (MLRA 10:5)

1. Glavnyy konstruktor TSentral'nogo konstruktorskogo byuro Ministerstva sudostroitel'noy promyshlennosti.
(Tugboats)

BOGDANOV, B.V., insh.

Lake pusher-tugs of the "Zelenodol'sk" type. Rech. transp. 17 no.5: 16-19 My '58. (MIRA 11:5)

(Tugboats)

BOGDANOV, Boris Vladimirovich; YEFREMOV, G.V., retsenzent; SOYUZOV, A.A., red.; VITASHKINA, S.A., red.izd-va; YERMAKOVA, T.T., tekhn.red.

[Tugboats and barges for towing] Tolkachi i barzhi dlia tolkaniia. Moskva, Izd-vo "Rechnoi transport," 1959. 238 p. (MIRA 12:10)
(Tugboats) (Barges)

BOGDANOV, B.V., inzh.

Planning experimental three-section barge trains. Rech.transp. 18 no.2:9-14 F '59. (MIRA 12:4)
(Barges)

BOGDANOV, B.V., inzh.

Analysis of main pusher-tug elements. Sudostroenie 25 no.10:1-6 O '59. (MIRA 13:2)

(Tugboats)

BOGDANOV, B., insh.

Efficiency of using ring nozzles on pusher boats. Rech.transp. 19 no.11:9-11 N '60. (MIRA 13:11)
(Propellers) (Tugboats)

BOGDANOV, Boris Vladimirovich, inzh.; GALKOVSKAYA, Mariya Grigor'yevna, kand. tekhn.nauk; YEFREMOV, G.V., retsenzent; BOGDANOV, A.P., red.; SHLENNIKOVA, Z.V., red. izd-va; BODROVA, V.A., tekhn.red.

[Sectional barge trains for propulsion by pushing] Sektsionnye sostavy dlia vozhdeniia sposobom tolkaniia. Moskva, Izd-vo "Rechnoi transport," 1961. 144 p. (MIRA 15:2)
(Inland water transportation) (Towing)

BOGDANOV, B., inzh.

Selecting designs of guardails for freighters. Rech. transp. 20 no. 1:24-25 Ja '61. (MIRA 14:2)
(Freighters)

BOGDANOV, B.V., inzh.

Pusher-tugboat "Bratislava" with separately controlled ring nozzles. Sudostroenie 28 no.3:4-9 Mr '62. (MIRA 15:4)
(Tugboats) (Steering gear)

BOGDANOV, B. V.

Dissertation defended for the degree of Candidate of Philosophical Sciences at the Institute of Philosophy 1962

"Development by V. I. Lenin of the Marxist Principles of Investigation of the History of Philosophy."

Vestnik Akad. Nauk, No. 4, 1963, pp 119-145

BOGDANOV, Boris Vladimirovich; DUBININ, N.P., inzh., retsenzent; KOCHEROV, N.P., inzh., retsenzent; PENOVA, Ye.M., red.; KOROVENKO, Yu.N., tekhn. red.

[Seagoing and roader barges; design and construction] Morskie i reidovye barzhi; proektirovanie i konstruktsiia. Leningrad, Dudpromgiz, 1963. 294 p. (MIRA 16:5)
(Barges--Design and construction)

BOGDANOV, B.V., inzh.

New lighters. Sudostroenie 29 no.4:71 Ap '63. (MIRA 16:4)
(Shipbuilding)

BOGDANOV, D. I., agronom

Hybrid sunflower variety in the area of the Anna Oil Mill.
Masl.-zhir.prom. 20 no.3:3 '55. (MIRA 8:7)

1. Annenskiy maslozavod.
(Sunflowers)

BOGDANOV, D.I.

45. **Quick-Acting Magnetic Amplifier Found Not Properly Exploited**

"Concerning the Theory of a Quick-Acting Magnetic Amplifier," by O. I. Aven, D. I. Bogdanov, and S. M. Domanitskiy, Izvestiya Akademii Nauk SSSR, Otdeleniye Tekhnicheskikh Nauk, No 2, Feb 57, pp 125-129

The authors depict the fundamental relationships of the quick-acting magnetic amplifier proposed by R. A. Ramey in 1951 and state that "the possibilities of the amplifier have not yet been fully appreciated." In the development that followed it was assumed that the material of the amplifier core had a rectangular hysteresis loop. (U)

BOGDANOV, D.I.

YEVDOKIMOV, G.K., inzhener; BOGDANOV, D.I., inzhener.

Relaxation timing relay. Vest. elektroprom. 28 no.3:38-41 Mr '57.
(MLRA 10:4)

1. Zaved. "Mosrentgen".
(Electric relays)

9(2) 28(1) PHASE I BOOK EXPLOITATION SOV/1436

Bogdanov, Dmitriy Ivanovich and Grigoriy Kuz'mich Yevdokimov

Ferrorezonansnyye stabilizatory (Ferroresonant Voltage Stabilizers) Moscow, Gosenergoizdat, 1958. 78 p. (Series: Biblioteka po avtomatike, vyp. 2) 20,000 copies printed.

Ed.: Antik, I.V.; Tech. Ed.: Matveyev, G.I.; Editorial Board of Series: Antik, I.V., S.N. Veshnevskiy, V.S. Kulebakin, A.D. Smirnov, B.S. Sotskov, Ye.P. Stefani, and N.N. Shumilovskiy.

PURPOSE: The booklet is intended for engineers and technicians working in the field of radio engineering and automation.

COVERAGE: The booklet discusses problems of the theory and design of ferroresonant voltage and current stabilizers. The authors present elementary circuit diagrams of the stabilizers and examples of their construction. The stabilizers discussed are built in the form of parametric two-terminal pair networks connected between the transmission line and the load. From the standpoint of compensation, the type most in use has a variable line voltage, a constant load impedance, and a constant output voltage. No personali-

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ties are mentioned. There are 12 Soviet references.

TABLE OF CONTENTS:

Ferroresonant Voltage Stabilizers SOV/1436

AVAILABLE: Library of Congress

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SOV/110-58-7-13/21

AUTHOR: Bogdanov, D.I., Engineer.

TITLE: On the theory of a ferro-resonant constant-voltage circuit.
(K teorii ferrorezonansnogo stabilizatora napryazheniya)

PERIODICAL: Vestnik Elektropromyshlennosti, 1958, Nr 7, pp 43-47. (USSR)

ABSTRACT: This article considers certain problems in the theory and design of ferro-resonant voltage stabilisers embodying a saturable core having rectangular magnetic characteristic. Magnetically-soft materials with a square hysteresis loop that can be used for such equipment include alloys N50P and N65P and a number of others. A simplified equivalent circuit of the ferro-resonant stabiliser is given in Fig 1, assuming an active load. For simplicity, the magnetisation characteristic is represented by three straight lines, as shown in Fig 2; the hysteresis loop may be neglected. By assessing values for the capacitance and inductance in the

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SOV/110-58-7-13/21

On the theory of a ferro-resonant constant-voltage circuit

equivalent circuit, the analysis is simplified and the assumption is near enough to actual practice. The operation of the stabiliser without load is considered, and the necessary equations are formulated. Curves of instantaneous values of the voltages across the capacitance and inductance in the equivalent circuit, and of current, are plotted in Fig 3 for two particular cases. Finally, equations (20), (21) and (22) are obtained for these magnitudes. Curves constructed from these equations are given in Fig 4, which also includes experimental points; agreement is good. The article concludes with a brief consideration of the design fundamentals of a stabiliser based on an analysis of the external characteristic given in Fig 5. There are 5 figures, and 2 references, both of which are Soviet.

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SUBMITTED: May 21, 1957.

1. Voltage stabilizers--Theory

SOV/110-59-3-14/25

AUTHOR: Bogdanov, D.I., Engineer

TITLE: On the Theory of a Voltage Stabiliser with Series Ferro-Resonance (K teorii stabilizatora napryazheniya s posledovatel'nym ferrorezonansom)

PERIODICAL: Vestnik Elektropromyshlennosti, 1959, Nr 3, pp 53-56 (USSR)

ABSTRACT: This article considers the theory of voltage stabilisers with voltage ferro-resonance when the core is made of material with a rectangular magnetisation curve. The relative merits of current and voltage ferro-resonance in stabilisers are first discussed. An equivalent circuit of the type of stabiliser considered is given in Fig.1 and the operating conditions are briefly discussed. Voltage equations are given for conditions of unsaturation, of saturation and for transient conditions. The no-load formulae for the stabiliser are then derived. Similar formulae are then derived for the case of active resistive loading. Curves of instantaneous values of voltage on various elements of the stabiliser, a circuit of which is given in Fig.1, are plotted in Fig.2; these curves are calculated by the equations given in the article. Both no-load and resistive load curves are

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On the Theory of a Voltage Stabiliser with Series Ferro-Resonance

included. Finally, the method of starting the stabiliser is considered by seeing what happens when the voltage is gradually raised. Two circuits that may be used for the automatic starting of stabilisers are given in Fig.4 and their method of operation is briefly described. There are 4 figures and 1 Soviet reference.

SUBMITTED: 7th June 1958

AUTHOR: Bogdanov, D.I. (Engineer) SOV/110-59-9-6/22

TITLE: The Operation of a Transformer with a Half-wave Rectifier Load

PERIODICAL: Vestnik elektropromyshlennosti,1959,Nr 9,pp 22-25(USSR)

ABSTRACT: In practice single-phase transformers may often have a half-wave rectifier load. The usual methods of analysing the processes occurring in the transformer in this case are based on resolution of the secondary current curve into a Fourier series or by representing it as the sum of constant and variable components. In both cases the influence of ohmic resistance in the primary circuit is usually neglected and errors may be considerable. This article considers several cases of half-wave rectifier loading of a single-phase transformer and gives relationships that can be used in design of the transformer and for analysis of the operation of half-wave rectifier circuits. Operation of the transformer with ideal saturation of the magnetic system is first considered. The equivalent circuit of the transformer with half-wave rectifier load is given in Fig 1a and the approximate magnetisation curve used in the calculations in Fig 1b.

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The Operation of a Transformer with a Half-wave Rectifier Load

The assumptions made to simplify the calculation are explained. By ideal saturation of the magnetic system is meant an induction not over-reaching the point of saturation. Expressions are derived for the induction in the working and idle half-cycles. Theoretical curves of instantaneous values of voltages and currents, and also a magnetic induction curve, are plotted in Fig 2. The relationships obtained may be used to calculate effective values of voltage and current; see, for example, Eq (8). Although the assumptions made differ considerably from the real conditions, the relationships obtained can be used for approximate calculations in a number of cases. For example, experimental points obtained on a transformer with a wound core of steel grade E310 are compared with a theoretical curve in Fig 3 which shows that formula (8) gives a good approximation to the maximum value of effective primary current. In a real transformer the primary winding still has some inductance on transition to the region of saturation. Accurate mathematical analysis of this case is complicated but the problem is simplified if a linear approximation to the magnetisation curve is again assumed. This suffices for practical

purposes, particularly if cold-rolled steel of type E310 is used. The equivalent circuit remains as before and the supply voltage is assumed sinusoidal. A number of expressions are then derived for currents, voltages and angles between them. By solving the system of transcendental equations (16) (17) and (18) curves may be constructed of transformer voltage, e.m.f. and current. Such curves are plotted in Fig 4a for a transformer with a laminated shell-type core of steel grade E310 supplying a half-wave rectifier. The main characteristics of the transformer and circuit are given. Oscillograms of instantaneous values of voltage and current for the transformer are given in Fig 4b and it will be seen that agreement is very good. Effective values of voltage and current can be determined analytically, but the procedure is very complicated and graphical integration is recommended. The formulae obtained are valid only if the transformer is saturated during the idle half-cycle. If, however, the magnetic system is also saturated during the working half-cycle, analogous formulae may be found and different loading conditions may also be considered.

The Operation of a Transformer with a Half-wave Rectifier Load

When the transformer is operated on a half-wave rectifier load the magnetising current may become so high that there is need to prevent excess current flow in the transformer primary circuit. One way of doing this is to connect a rectifier shunted by ohmic resistance in the primary circuit, as shown in Fig 5a. The rectifier passes current during the working half-cycle, and during the idle half-cycle the magnetising current is carried by the resistive shunt. The value of this shunt may be adjusted so that the mean voltage drop set up in it by the magnetising current is equal to the voltage drop in the primary circuit due to the load current. The energy of the transformer magnetic field which is stored at the end of the working half-cycle is transferred to a capacitor connected across the secondary winding. The part played by this capacitor has been discussed elsewhere.

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BOGDANOV, D.I., inzh.

Voltage stabilizer with series ferroresonance. Vest.elektroprom. 30 no.3:53-56 Mr '59. (MIRA 12:4)
(Voltage regulators)

S/110/60/000/008/004/008
E194/E455

AUTHOR: Bogdanov, D.I., Engineer

TITLE: A Synchronized Thyratron Time-Lag Relay

PERIODICAL: Vestnik elektropromyshlennosti, 1960, No.8, pp.41-44

TEXT: Synchronized time-lag relays find many applications in electric welding, electric heating and X-ray equipment and they can easily be used for synchronous switching without time-lags. However, most synchronous time-lag relays are complicated and bulky. This article describes a synchronous, thyratron time-lag relay of simple circuit having the following characteristics: time-lag from 0.02 to 40 seconds; the controlled circuit may be switched for an even number of power-frequency half-cycles with definite polarity of first half-cycle; the circuit may be made at the instant of zero voltage and broken at that of zero current, provided the phase angle is constant; the phase angle of making and that of breaking can be controlled; and if a thyratron type TG-1-0.1/1.3 and special contactor are used, the equipment can switch a power of 40 to 50 kVA at voltages of up to 400 V, provided the circuit is broken at the instant of zero current. The circuit can easily be modified to provide synchronous switching

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A Synchronized Thyratron Time-Lag Relay

without time lag of d.c. or a.c. A circuit diagram of the relay is shown in Fig.1; the coil that operates the main contacts is supplied by two thyratrons arranged to give full-wave rectification. The primary winding of a peaking transformer is in the anode circuit of the first or leading thyratron. The emf peaks obtained from the secondary winding of this transformer are applied to the grid circuit of the second thyratron to ignite it after each half-cycle operation of the first one. The leading thyratron, which ensures that the first half-cycle is always of the same polarity, is controlled by a capacitance-resistance time delay circuit. The functions of the remaining parts of the circuit are explained in detail. For precise operation of the relay, the main contactor must have a constant closing time and this is achieved by always applying to the operating coil a voltage of the same polarity and wave-shape. The moving parts of the contactor are mounted on knife edges. The spring tension and armature travel are adjusted so that the closing time is a whole number of half-cycles. Photographs of the contactor are shown in Fig.2. It is adjusted to have a closing time of 0.01 sec and the armature

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A Synchronized Thyratron Time-Lag Relay

travel is 1.5 mm. Metallo-ceramic contacts type OK-15, 8 mm diameter, are used. With synchronized circuit-breaking they handle currents of up to 250 A with time lags ranging from 0.02 to 2 seconds with intervals of 20 to 30 sec between switchings, or currents up to 90 A without limitation. The contactor can control single-phase circuits at voltages of 380 to 400 V with power factors from 1 to 0.7, provided that the phase displacement between voltage and current is constant. The time lag is adjusted by altering the value of resistance that discharges the capacitor. The simplifications that are possible when performing synchronized switching without time lag are described. Formulae are given for calculating the time lag from known circuit constants or vice versa. The time lag curve is not continuous because it can only be multiples of complete cycles, as indicated by Fig.3. This is particularly important at time delays up to 0.2 seconds and in this range the relay is insensitive to the temperature coefficients of the resistance and capacitance in the time delay circuit. The relay is also insensitive to supply voltage variations; variations of $\pm$ 10% have no influence on the time lag and only alter the phase

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of circuit-making by ± 8° electrical; the breaking time is unaffected. However, voltage variations of more than ± 10% should not be permitted because of their affect on the thyratron filaments. Numerical values are given for all the circuit constants of a relay which, when supplied from a 220 V 50 c/s circuit, had the dimensions 170 x 150 x 120 mm. A cathode-ray oscillograph is used to adjust the time lag and the contactor and also to check operation at small time lags. There are 3 figures and 2 Soviet references.

SUBMITTED: February 2, 1960

Card 4/4

BOGDANOV, D.I., inzh. (Moskva)

Ferroresonant voltage stabilizer using magnetic materials with rectangular characteristics. Elektrichestvo no.7:48-51 Jl '61. (MIRA 14:9)

(Voltage regulators)

SHMELEV, V.K.; BOGDANOV, D.I.; BLINOV, N.N.; ZHEGALKIN, G.A.

"Principles of X-ray engineering" by V.V. Dmokhovskii. Reviewed by V.K. Shmelev and others. Elektrichestvo no.10:92-94 O '61. (MIRA 14:10)

(X rays)
(Dmokhovskii, V.V.)

L 9987-63 EPA(b)/BDS/ES(v)--AFFTC/ASD--Pd-4/Pe-4--JXT(X)

ACCESSION NR: AP3000949 S/0140/63/000/003/0015/0018

AUTHOR: Bogdanov, D. I. 68

TITLE: The distribution of velocities and pressures in the flow of a liquid contained between two rotating cylinders

SOURCE: IVUZ. Matematika, no. 3, 1963, 15-18

TOPIC TAGS: flow between two cylinders, velocity and pressure distribution

ABSTRACT: With the assumption that a viscous liquid is contained between two coaxial cylinders of infinite length and that at the instant t = 0 the cylinders start to rotate with changing angular velocities. Omega sub 1 and Omega sub 2, the problem of determining the distribution of velocities and pressures in the flow of the liquid is studied. The equation of motion of the liquid and the initial and boundary conditions are expressed in cylindrical coordinates. By operational methods the initial and boundary conditions are transformed, and the first of the equations of motion is reduced to a form analogous to Bessel's equation, for the solution of which a method is presented.

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Using the inversion theorem and the theory of residues, a final expression for the distribution of velocities of the nonstationary motion of every point of the plane cross section of a liquid between two coaxial cylinders is presented. On the basis of the expression derived by integrating the second equation of motion, the pressure distribution in the flow is derived. Three particular cases are investigated: Omega sub 2 = 0, Omega sub 1 = Omega is not equal to 0; Omega sub 1 = 0, Omega sub 2 = Omega is not equal to 0; and Omega sub 1 is not equal to Omega sub 2, t = 0. Orig. art. has: 19 formulas.

ASSOCIATION: none

SUBMITTED: 25Apr60 DATE ACQ: 12Jun63 ENCL: 00

SUB CODE: 00 NO REF SOV: 005 OTHER: 000

ja/pa

Card 2/2

BLINOV, N.N., inzh.; BOGDANOV, D.I., inzh.

Automatic compensation of expected voltage drop in a transmission line with switching-in of large loads. Vest. elektroprom. 34 no.4:54-58 Ap '63. (MIRA 16:10)

BOGDANOV, D., mayor

Engineer reconnaissance and the removal of obstacles from a river.
Voen.vest. 43 no.10:96-98 O '63. (MIRA 16:12)

Epidemiology

YUGOSLAVIA

MORELJ, Prof. Dr. Marjan; GERBEC, Prof. Dr. Mirko; BOGDANOV, Docent Dr. Lcaj TURK-DROBNJAKOVIC, Dr. Anka; MICI, Prof. Dr. Ratibor; and ANDELKOVIC, Dr. Dragana, Military Medical Academy of the Armed Forces of Yugoslavia (Vojno-medicinska akademija JNA) Institute of Hygiene, Clinic of Internal Medicine (Higijenski zavod, Internal klinika) and Federal Institute for National Health (Savezni zavod za zdravstvenu zastitu) Belgrad

"Epidemiologic and Clinical Problems of Pneumonia in Yugoslavia"

Beograd, Narodno Zdravije, Vol 23, No. 4, 1966; pp 119-128

Abstract: Analytical reporting and very briefly discussing data over the past ten years or specific years therein regarding mortality from pneumonia by age, types of pneumonia morbidity, sex and age correlations, causes of pneumonia in hospitals, percentage of various types during various years, comparison with influenza, pertussis and other diseases. 10 graphs, 7 tables, 23 Yugoslav, 2 Soviet and 41 Western references.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205820006-8"

BOGDANOV, D.P.

[Preventive examinations to detect dermatomycoses; instructions on methods] Profilakticheskie osmotry po vyiavleniiu dermatomikozov; metodicheskoe pis'mo. Leningrad, 1954. 19 p.
(MIRA 13:6)

(DERMATOMYCOSIS)

POLOMAC, Ljubodrag; BOGDANOV, Dusko

Application of the machines of a punched card system to the material bookkeeping. Mehanografija 2 no.3:9-21 Mr '61.

AUTHOR: Bogdanov, D. V., 50-12-18/19

TITLE: In Memory of Kh.U. Sverdrup (Pamyati Kh.U. Sverdrupa)

PERIODICAL: Meteorologiya i Gidrologiya, 1957, Nr 12, pp. 55-56 (USSR)

ABSTRACT: On August 21, the Norwegian scientist H.U. Sverdrup, one of the greatest oceanographers of today, deceased.
During the last time of his life he was president of the World-Council for Sea-Investigation, head master of the Norwegian Polar Institute, professor of geophysics at the Oslo University. He is the author of a principal monograph of our time concerning oceans. By enumeration of the sciences Sverdrup was occupied with, he is characterized as a scientist of universal capacity. He has made his contribution to several branches of the oceanography, meteorology, geophysics, earth magnetism, gravimetry and biology of the sea.

AVAILABLE: Library of Congress

1. Oceanographer—Obituary

Card 1/1

BOGDANOV, Daniil Vasil'yevich; MARTI, Yu.Yu., otv.red.; SHUIN, V.I., red.; GORYACHEVA, G.G., tekhn.red.

[Hydrological conditions in the southeastern part of the North Atlantic] Gidrologicheskie usloviia v iugo-vostochnoi chasti Severnoi Atlantiki. Moskva, Vses.nauchno-issled.in-t morskogo rybnogo khoz. i okeanografii, 1959. 47 p. (MIRA 13:2)
(Atlantic Ocean--Hydrology)

BOGDANOV, D.V.

Some features of hydrological conditions in the Davis Strait, the Labrador Basin, and the Grand Banks area. Trudy GOIN no.37:231-241 '59. (MIRA 13:4)
(Atlantic Ocean--Ocean currrents)
(Davis Strait--Ocean currents)

S/026/60/000/04/027/070
D048/D006

3(9)

AUTHOR: Bogdanov, D.V.

TITLE: To the Coasts of Africa: Soviet Biological and Oceanographical Studies in the Mediterranean Sea and Atlantic Ocean

PERIODICAL: Priroda, 1960, Nr 4, pp 79 - 84 (USSR)

ABSTRACT: In October 1958, a Soviet Expedition started to the southern coasts of Africa to study new regions for fishing sardines and other kinds of fish and to carry out biological and oceanographical studies. Three expedition vessels, among them the "Zhukovskiy" and "Grot" sailed from Kerch via the Bosphorus, the Sea of Marmara, the Aegean Sea and the Mediterranean Sea, further to the coast of Tunisia and Algeria, the Straits of Gibraltar, through the Atlantic Ocean to the Bay of Guinea and the coast of Ghana. In 4

Card 1/2

BOGDANOV, D.V.

Regional physicogeographical trend in the study of seas and oceans.
Biul. Okean. kom. no.5:76-78 '60. (MIRA 13:10)

1. Okeanograficheskaya komissiya AN SSSR.
(Oceanographic research)

BOGDANOV, D.V.

Oceanographic observations in the tropical part of the Atlantic Ocean. Biul.Okean.kom. no.6:55-58 '60. (MIRA 14:7)
(Atlantic Ocean—Oceanographic research)

BOGDANOV, Daniil Vasil'yevich; IORDANSKIY, A.D., red.izd-va; GOLUB', S.P., tekhn.red.

[In the tropical regions of the Atlantic Ocean] V tropikakh Atlanticheskogo okeana. Moskva, Izd-vo Akad.nauk SSSR, 1961. 73 p. (MIRA 14:6)
(Atlantic Ocean—Trawls and trawling)

BOGDANOV, D.V.

Map of natural zones of the ocean. Okeanologiia 1 no.5:941-944 '61. (MIRA 15:3)

(Oceanography--Charts, diagrams, etc.)

BOGDANOV, D.V.

Zonal divisions of the oceans and seas. Priroda 50 no.4:17-22 Ap '61. (MIRA 14:4)

(Ocean)

BOGDANOV, D.V. (Moskva)

"The sea." Reviewed by D.V. Bogdanov. Priroda 50 no.9:121-122 S '61. (MIRA 14:8)

(Ocean)

BOGDANOV, Daniil Vasil'yevich; ULANOVSKAYA, I.A., red.izd-va; MATYUKHINA, L.I., tekhn. red.

[Geography of the blue continent] Geografiia golubogo kontinenta. Moskva, Izd-vo AN SSSR, 1963. 74 p. (MIRA 16:11)

(Oceanography)